

MD 25 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

#### EXISTING SIGNS

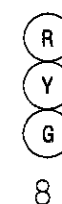
9.10



R10-12

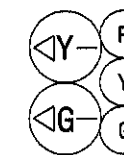
#### EXISTING SIGNALS

1.2.4-8



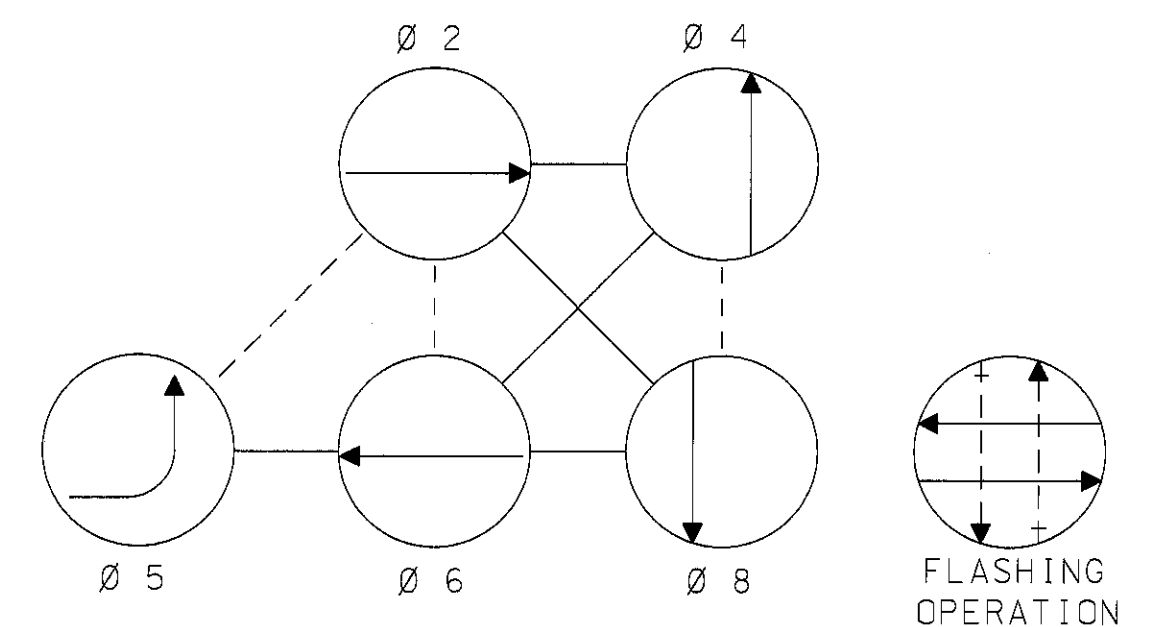
8"

3



12"/8"

#### NEMA PHASING



#### PHASING NOTES:

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY

#### PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF AN EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 25 AND LAKE AVENUE IN BALTIMORE COUNTY. MD 25 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

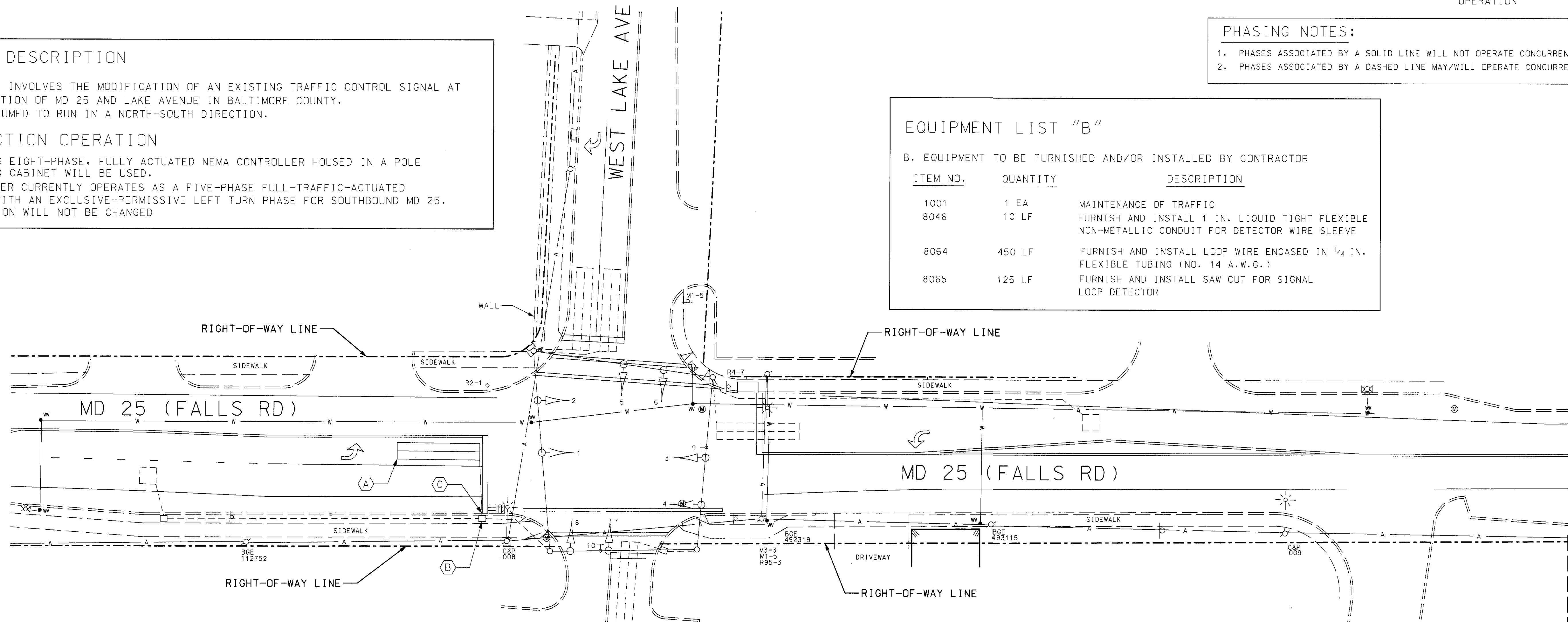
#### INTERSECTION OPERATION

THE EXISTING EIGHT-PHASE, FULLY ACTUATED NEMA CONTROLLER HOUSED IN A POLE MOUNTED CABINET WILL BE USED. THE CONTROLLER CURRENTLY OPERATES AS A FIVE-PHASE FULL-TRAFFIC-ACTUATED CONTROLLER WITH AN EXCLUSIVE-PERMISSIVE LEFT TURN PHASE FOR SOUTHBOUND MD 25. THIS OPERATION WILL NOT BE CHANGED.

#### EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8046	10 LF	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR WIRE SLEEVE
8064	450 LF	FURNISH AND INSTALL LOOP WIRE ENCASED IN 1/4 IN. FLEXIBLE TUBING (NO. 14 A.W.G.)
8065	125 LF	FURNISH AND INSTALL SAW CUT FOR SIGNAL LOOP DETECTOR



#### GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT EXISTS BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
2. INSTALL PRESENCE DETECTOR 1 FT. BEHIND STOPLINE.
3. THE LOCATION OF THE EXISTING DETECTORS ARE BASED ON A BALTIMORE COUNTY SIGNAL PLAN DATED 11-26-80.

#### CONSTRUCTION DETAILS

- A. INSTALL 6 FT. X 30 FT. LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
- B. SPLICE NEW LOOP WIRE TO EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) WIRE IN EXISTING HANDHOLE
- C. INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT (DETECTOR WIRE SLEEVE)

#### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	_____	A
ELECTRICAL	_____	E
TELEPHONE	_____	T
GAS	_____	G
SEWER	_____	S
WATER	_____	W
CABLE TV	_____	TV

**TRAFFIC CONCEPTS, INC.**

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Suite E  
Gambrills, MD 21054  
(410) 923-7101

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY
8-28-02 REPLACE S.B. MD 25 LEFT TURN DETECTION SHA NO. 2000	
MLH TZ	



**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
SIGNALIZATION PLAN  
MD 25 (FALLS RD.) AT LAKE AVENUE

DRAWN BY: M. HOWELL  
CHECKED BY: T. ZAYDEL  
SCALE: 1" = 20'  
DATE: 6-28-02

F.A.P. NO.  
S.H.A. NO. 2335412502B11  
COUNTY: BALTIMORE  
LOG MILE: 03002500.08

TS NO. 4204  
T.I.M.S. NO. F 515  
SHEET 1